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<b>(51) International Patent Classification <sup>6</sup> :</b> <b>C12N</b>	<b>A2</b>	<b>(11) International Publication Number:</b> <b>WO 99/61581</b> <b>(43) International Publication Date:</b> 2 December 1999 (02.12.99)
<b>(21) International Application Number:</b> PCT/US99/11521 <b>(22) International Filing Date:</b> 25 May 1999 (25.05.99)  <b>(30) Priority Data:</b> 60/086,657 26 May 1998 (26.05.98) US 60/096,049 11 August 1998 (11.08.98) US  <b>(71) Applicant (for all designated States except US):</b> OFFICE OF THE DEAN OF RESEARCH AND GRADUATE EDUCATION [US/US]; Georgetown University Medical Center, Building D., Suite 177, 4000 Reservoir Road, N.W., Washington, DC 20007 (US).  <b>(72) Inventor; and</b> <b>(75) Inventor/Applicant (for US only):</b> SPIEGEL, Sarah [US/US]; 6343 Linway Terrace, McLean, VA 22101 (US).  <b>(74) Agent:</b> PRATT & ASSOCIATES, INC.; 10821 Hillbrooke Lane, Potomac, MD 20854 (US).		<b>(81) Designated States:</b> AU, CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>Without international search report and to be republished upon receipt of that report.</i>
<b>(54) Title:</b> SPHINGOSINE KINASE, CLONING, EXPRESSION AND METHODS OF USE  <b>(57) Abstract</b>  The present invention relates to nucleic acids encoding sphingosine kinase (SPHK) and methods for use in producing sphingosine-1-phosphate (SPP), screening for inhibitors of SPHK, and as a therapeutic agent.		